Michael Flood

Software Developer

mobile   1 (815) 353-0093
email   flood.mike@gmail.com
web   http://www.linkedin.com/in/mikeflood
repository   https://github.com/FloodMike

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Aug. 2012 -
present

Empower Systems
Integration/Interface Programmer

Empower Systems is a software company focused on delivering a hospital EHR solution to clients across the U.S. Currently I am responsible for scripting and implementing interfacing that relays HL7 messages from a hospital core system for processing, internally within Empower using Visual Basic, as well as routing the HL7 message to ancillary systems. Furthermore, I build and deploy various jobs and services used to process data and update/insert said data into various databases using C# in conjunction with T-SQL. We used Kanban as our process management system.

June 2008 -
Aug. 2008

Hewlett-Packard
Intern

The development team I worked with, within the content management system sector of Hewlett-Packard, required a more efficient way to compile small bits of code within a much larger coding project. To accomplish this, I rewrote their compiler using a combination of JAVA and Perl in just under 6 weeks. The new compiler noticeably increased productivity as well as saved the development team time to be able to work more on the product. The compiler was deployed on a local network web page and was accessible to the entire development team. We employed SCRUM as our development framework.

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2010 - 2013
Roosevelt University
Bachelor of Science in Computer Science

2009 - 2010
William Rainey Harper College

2004 - 2009
University of Iowa
Sudied Software/Biomedical Engineering

Computer Skills

C#/C++
Utilized best practices with 4 years of experience

Java
3 years of experience

Visual Basic
2 years of experience

Hand coding HTML/CSS
Compatible with IE6, IE7 and standards compliant browsers

Dreamweaver, Netbeans, Eclipse, Visual Studio

Javascript/jQuery/AJAX
Good working knowledge

SQL
Utilized Transact SQL with 2 years of experience as well as MySQL

Perl
Good working knowledge

PHP
Good working knowledge

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Interests

Running
Bouldering
Live music